## **Author Index**

Aduku, A.O., see Balogun, T.F. et al.
Atuahene, C.C., see Donkoh, A. et al.
Aumaître, A., see Bourdon, D. and Aumaître, A.
Balogun, T.F., Aduku, A.O., Dim, N.I. and Olorunju, S.A.S. (Zaria, Nigeria)
Undecorticated cottonseed meal as a substitute for soya bean meal in diets for weaner
and growing-finishing pigs
Beaulieu, A.D. (Columbus, OH, U.S.A.), Olubobokun, J.A. and Christensen, D.A. (Saskatoon, Sask., Canada)
The utilization of canola and its constituents by lactating dairy cows
Ben-Ghedalia, D., see Miron, J. et al.
Benabdeljelil, K. (Rabat, Morocco), Ryadi, A. (Temara, Morocco) and Jensen, L.S.
(Athens, GA, U.S.A.)
Effect of dietary ascorbic acid supplementation on the performance of brown-egg layers
and egg quality301
Bonhomme, A. (Reims, France)
Rumen ciliates: their metabolism and relationships with bacteria and their hosts 203
Boucqué, Ch.V., see Fiems, L.O. et al.
Bourdon, D. and Aumaître, A. (L'Hermitage, France)
Low-glucosinolate rapeseeds and rapeseed meals: effect of technological treatments on
chemical composition, digestible energy content and feeding value for growing pigs 175
Brake, A.C., see Hall, K.L. et al.
Brenes, A., see Treviño, J. et al.
Brizuela, M.A., Cid, M.S., Miñón, D.P. and Fernández Grecco, R. (Balcarce, Argentina)
Seasonal utilization of saltgrass (Distichlis spp.) by cattle
Broudiscou, L., van Nevel, C.J. and Demeyer, D.I. (Melle, Belgium)
Effect of soya oil hydrolysate on rumen digestion in defaunated and refaunated sheep 51
Buysse, F.X., see Fiems, L.O. et al.
Centeno, C., see Treviño, J. et al.
Cheng, KJ., see McAllister, T.A. et al.
Christensen, D.A., see Beaulieu, A.D. et al.
Cid, M.S., see Brizuela, M.A. et al.
Costerton, J.W., see McAllister, T.A. et al.
Cottyn, B.G., see Fiems, L.O. et al.
Demeyer, D.I., see Broudiscou, L. et al.
Dim, N.I., see Balogun, T.F. et al.
Donkoh, A., Kese, A.G. and Atuahene, C.C. (Kumasi, Ghana) Chemical composition of chaya leaf meal ( <i>Cnidoscolus aconitifolius</i> (Mill.) Johnston)
and availability of its amino acids to chicks
Everington, J.M. and Givens, D.I. (Stratford-on-Avon, Gt. Britain)
Nutritive value of whole triticale grain for sheep
Fernández, J.A., see Sibbald, I.R. et al.
Fernández Grecco, R., see Brizuela, M.A. et al.
Fiems, L.O., Boucqué, Ch.V., Cottyn, B.G. and Buysse, F.X. (Melle-Gontrode, Belgium)
Effect of energy density by dietary incorporation of fats on the performance of double-
muscled bulls
Focant, M., van Hoecke, A. and Vanbelle, M. (Louvain-la-Neuve, Belgium)
Influence of steam flaking wheat on rumen fermentations and duodenal nitrogen and
amino acid flows in heifers

Forster, Jr., L.A., see Hall, K.L. et al.
Givens, D.I., see Everington, J.M. and Givens, D.I.
Goetsch, A.L., see Hall, K.L. et al.
Grün, M., see Schöne, F. et al.
Hall, D.D., see Sibbald, I.R. et al.
Hall, K.L., Goetsch, A.L., Landis, K.M., Forster, Jr., L.A. and Brake, A.C. (Fayetteville,
AR, U.S.A.)
Effects of a fat and ground maize supplement on feed intake and digestion by cattle
consuming bermudagrass hay (Cynodon dactylon)
Hennig, A., see Schöne, F. et al.
Hoover, W.H., see Webster, P.M. et al.
Jensen, L.S., see Benabdeljelil, K. et al.
Johnson, D.E., see Remillard, R.L. et al.
Jørgensen, H., see Sibbald, I.R. et al.
Kese, A.G., see Donkoh, A. et al.
Kirchner, E., see Schöne, F. et al.
Kumar, R. and Vaithiyanathan, S. (Rajasthan, India)
Occurrence, nutritional significance and effect on animal productivity of tannins in
tree leaves
Lamed, R., see Miron, J. et al.
Landis, K.M., see Hall, K.L. et al.
Lewis, L.D., see Remillard, R.L. et al.
Lüdke, H., see Schöne, F. et al.
McAllister, T.A., Rode, L.M., Cheng, KJ. (Lethbridge, Alb., Canada), Schaefer, D.M.
(Madison, WI, U.S.A.) and Costerton, J.W. (Calgary, Alb., Canada)
Morphological study of the digestion of barley and maize grain by rumen
microorganisms
Miller, T.K., see Webster, P.M. et al.
Miñón, D.P., see Brizuela, M.A. et al.
Miron, J., Ben-Ghedalia, D. (Bet Dagan, Israel), Yokoyama, M.T. (East Lansing, MI,
U.S.A.) and Lamed, R. (Ramat Aviv, Israel)
Some aspects of cellobiose effect on bacterial cell surface structures involved in lucerne
cell walls utilization by fresh isolates of rumen bacteria
Nockels, C.F., see Remillard, R.L. et al.
Olorunju, S.A.S., see Balogun, T.F. et al.
Olubobokun, J.A., see Beaulieu, A.D. et al.
Reed, J.D., Soller, H. and Woodward, A. (Addis Ababa, Ethiopia)
Fodder tree and straw diets for sheep: intake, growth, digestibility and the effects of
phenolics on nitrogen utilisation
Remillard, R.L., Johnson, D.E., Lewis, L.D. and Nockels, C.F. (Fort Collins, CO, U.S.A.)
Starch digestion and digesta kinetics in the small intestine of steers fed on a maize
grain and maize silage mixture
Rode, L.M., see McAllister, T.A. et al.
Rubio, L., see Treviño, J. et al.
Ryadi, A., see Benabdeljelil, K. et al.
Sanderson, M.A. and Wedin, W.F. (Ames, IA, U.S.A.)
In situ digestion of detergent fiber nitrogen in alfalfa stems
Schaefer, D.M., see McAllister, T.A. et al.
Schöne, F., Winnefeld, K., Kirchner, E., Grün, M., Lüdke, H. and Hennig, A. (Jena,
G.D.R.)
Copper and iodine in pig diets with high glucosinolate rapeseed meal. 3. Treatment of
rapeseed meal with copper, and the effect of iodine supplementation on trace element
status and some related blood (serum) parameters

Sell, J.L., see Zatari, I.M. and Sell, J.L.	
Sibbald, I.R., Wolynetz, M.S. (Ottawa, Ont., Canada), Hall, D.D., Fernández, J.A. and	
Jørgensen, H. (Tjele, Denmark)	
Relationships between bioavailable energy estimates made with pigs and cockerels 131	
Soller, H., see Reed, J.D. et al.	
Treviño, J., Centeno, C., Brenes, A., Yuste, P. and Rubio, L. (Madrid, Spain)	
Effect of dietary oligosaccharides on the digestion of pea starch by growing chicks 313	3
Vaithiyanathan, S., see Kumar, R. and Vaithiyanathan, S.	
Van Hoecke, A., see Focant, M. et al.	
Van Nevel, C.J., see Broudiscou, L. et al.	
Vanbelle, M., see Focant, M. et al.	
Walker, N. (Hillsborough, Ireland)	
A comparison of single- and multi-space feeders for growing pigs fed non-pelleted diets	
ab libitum169	)
Webster, P.M., Hoover, W.H. and Miller, T.K. (Morgantown, WV, U.S.A.)	
Determination of 2,6 diaminopimelic acid in biological materials using high	
performance liquid chromatography	
Wedin, W.F., see Sanderson, M.A. and Wedin, W.F.	
Winnefeld, K., see Schöne, F. et al.	
Wolynetz, M.S., see Sibbald, I.R. et al.	
Woodward, A., see Reed, J.D. et al.	
Yokoyama, M.T., see Miron, J. et al.	
Yuste, P., see Treviño, J. et al.	
Zatari, I.M. and Sell, J.L. (Ames, IA, U.S.A.)	
Effects of pelleting diets containing sunflower meal on the performance of broiler	
chickens	